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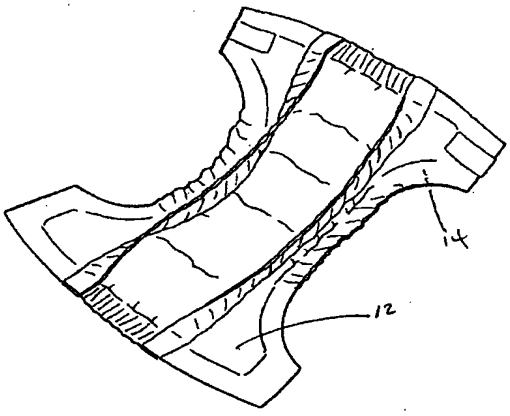
(54) Title: BACTERIA BINDING PRODUCTS



(57) Abstract: There is provided products for the removal of negatively charged particles like bacteria from surfaces. The products have a positive charge that may be developed through the use of cationic treatments. The product or substrate from which it is made may be dipped in an aqueous solution of a non-antimicrobial treatment having a positive charge and the excess solution squeezed out. Treatment of the resulting coated substrate with heat at a temperature and for a time sufficient adheres the coating to the substrate. Alternatively, a non-antimicrobial, cationically charged chemical may be imbedded in a substrate web such that it will bloom to the surface when the web is exposed to water. A suitable substrate web may be a pulp and synthetic fiber fabric made by coforming or hydroengling and may be a laminate including other layers. The treated substrate and product remove a substantial amount of the bacteria from a surface yet do not appreciably kill the bacteria. Harsh, oxidizing, chemicals are not used in the preparation of the products and so the products are mild in their effect on the user's skin. The removal of the bacteria, in contrast to killing the bacteria, does not encourage the bacteria to develop immunity to the treatment.

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